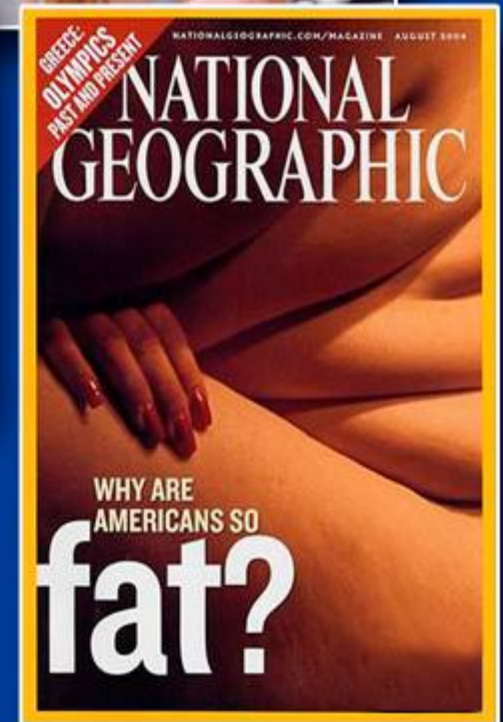


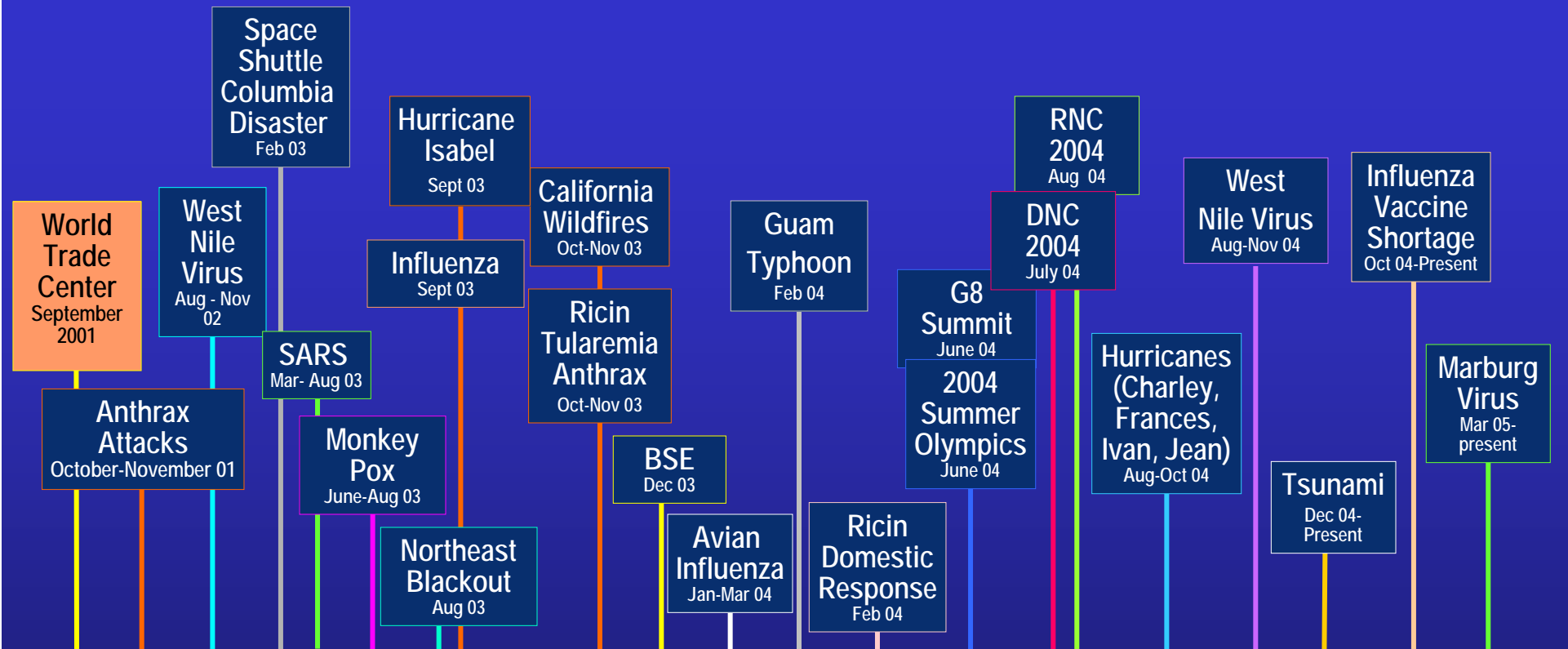
Health Protection 2005



Learn the Signs.
Act Early.

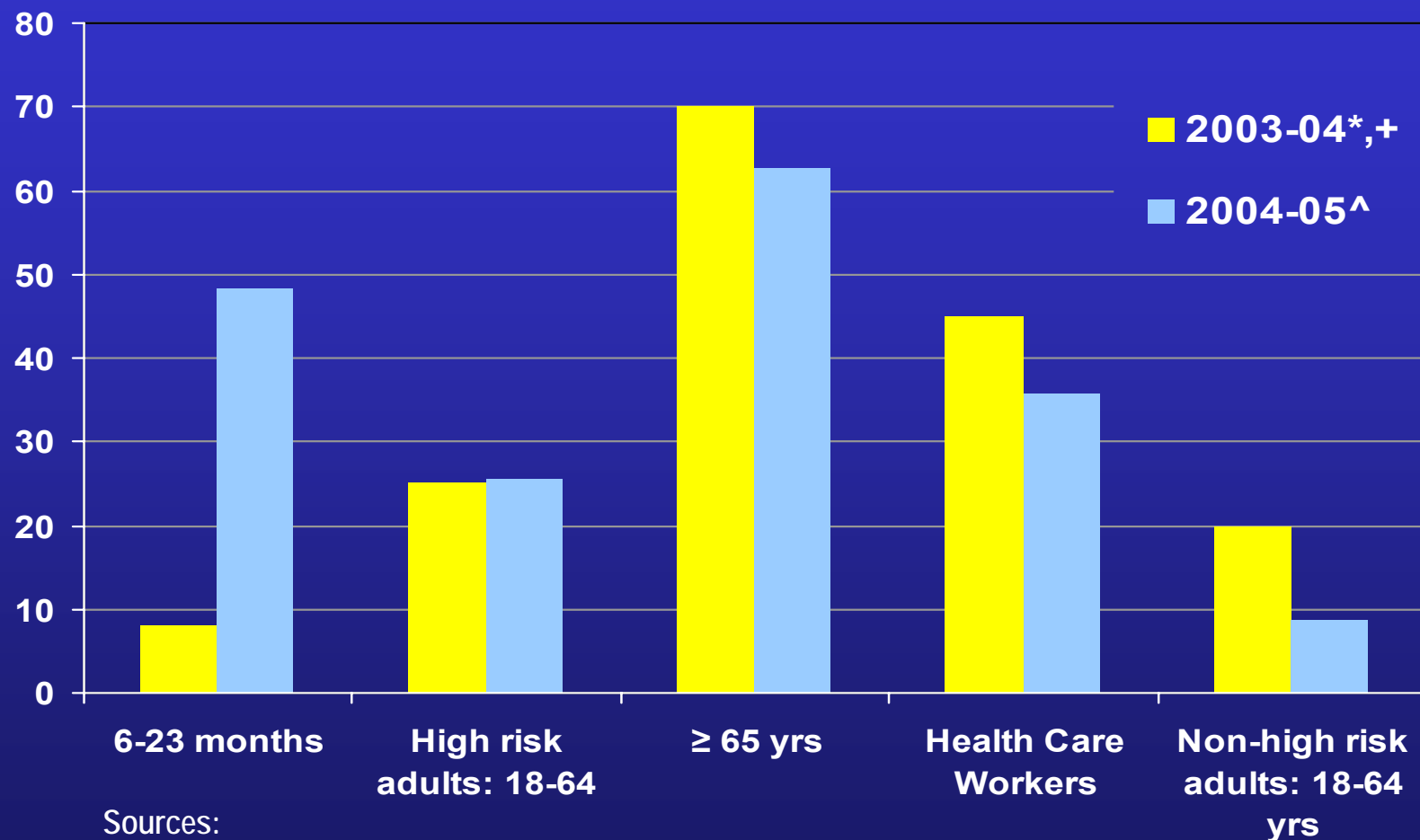


Health Protection Heroism



Health Protection Heroism: Influenza Vaccination Coverage

2003-04 and 2004-05



Sources:

* National Health Interview Survey

+ National Immunization Survey

^ Behavioral Risk Factor Surveillance System, MMWR April 1, 2005





America's Health Protection Heroes !



Tempora mutantur, nos et mutamur in illis

*Times change,
and we change with them too*

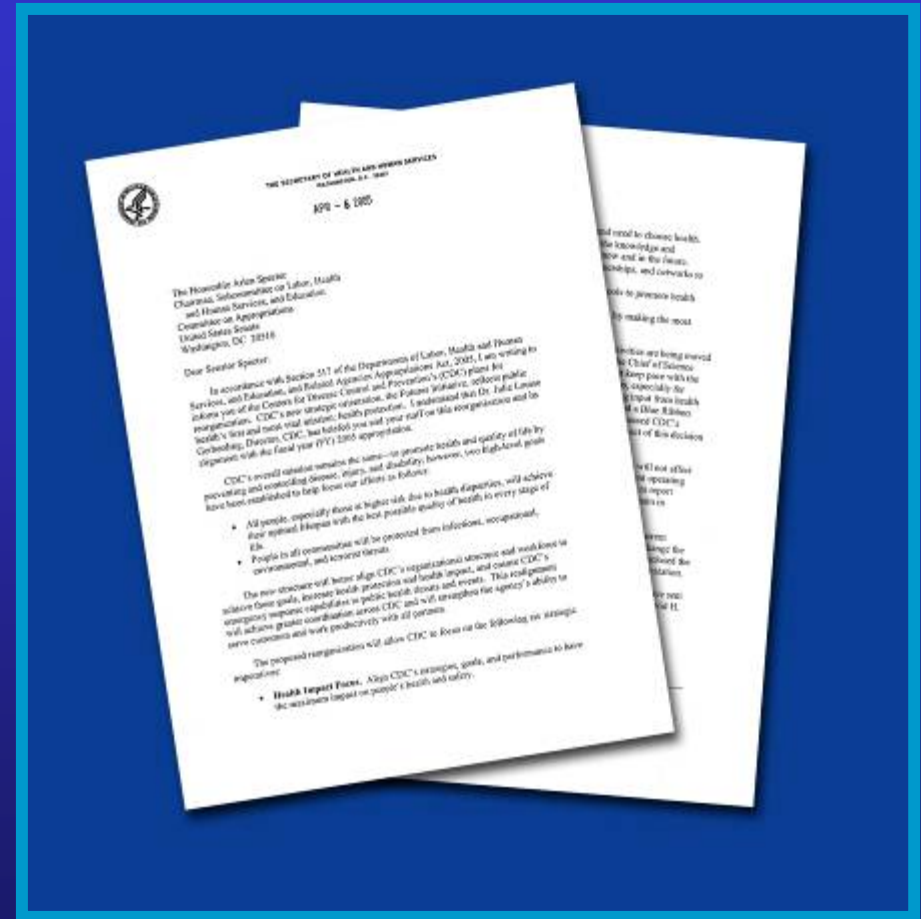
Owen's Epigrammata, 1615



Congress Endorses CDC's Modernization

April 2005

- Overarching Goals
- Strategic Imperatives
- Organizational Structure
- Budget Realignment



The Future is Now...

Input

July 2003

Ideas

2004

Implementation

2005

Impact

Early wins 2005

- Outside-in
- Interactive
- Driven by data
- Focused on customers
- Strategic first, then structure & processes

CDC's Strategic Imperatives

- Health impact: align strategy, goals, investments, and performance



CDC's Overarching Health Protection Goals

People...Places...Preparedness

- **Health Promotion & Prevention of Disease, Injury, and Disability:**

All people, and especially those at greatest risk for health disparities, will achieve their optimal lifespan with the best possible quality of health in every stage of life.

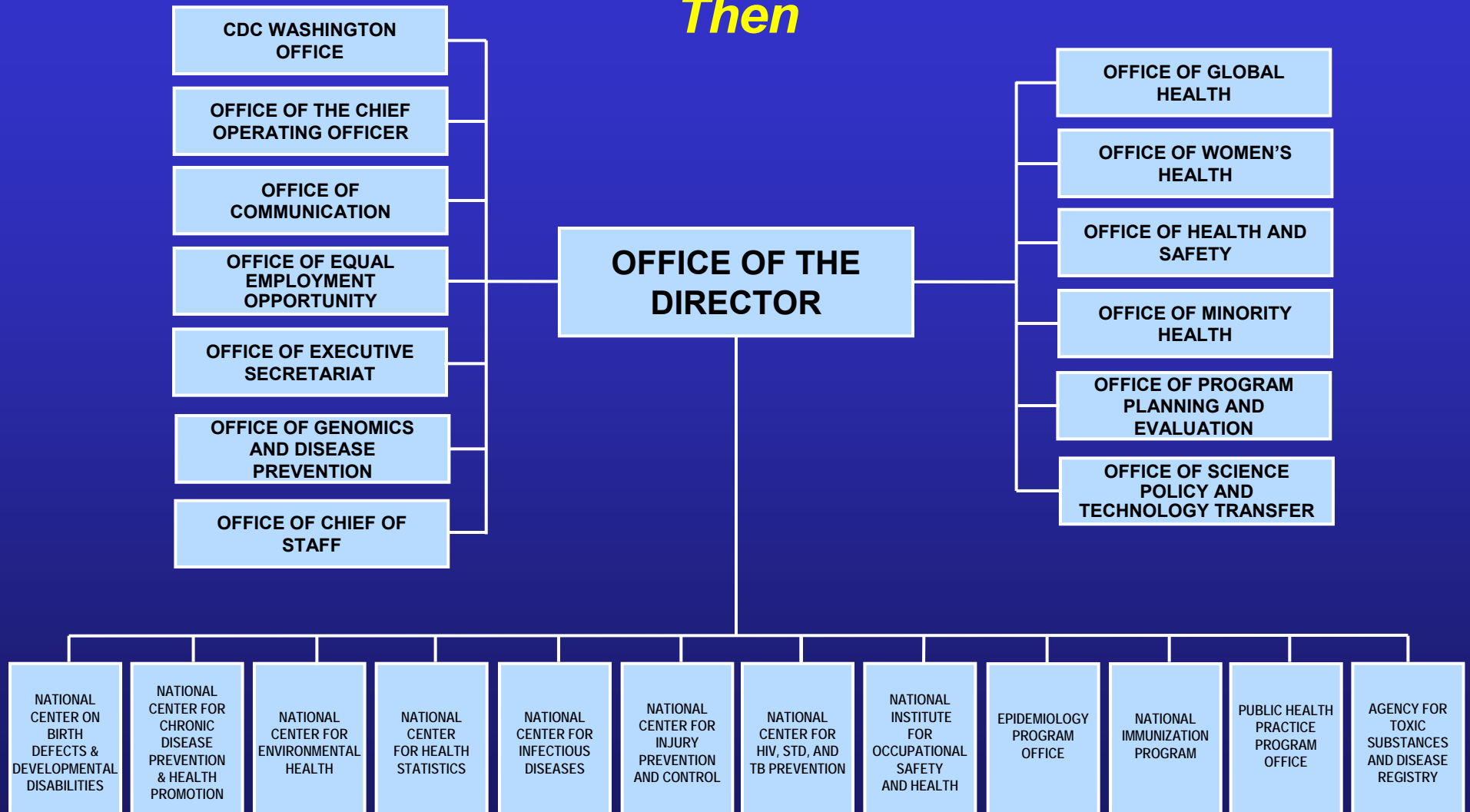
- **Preparedness:**

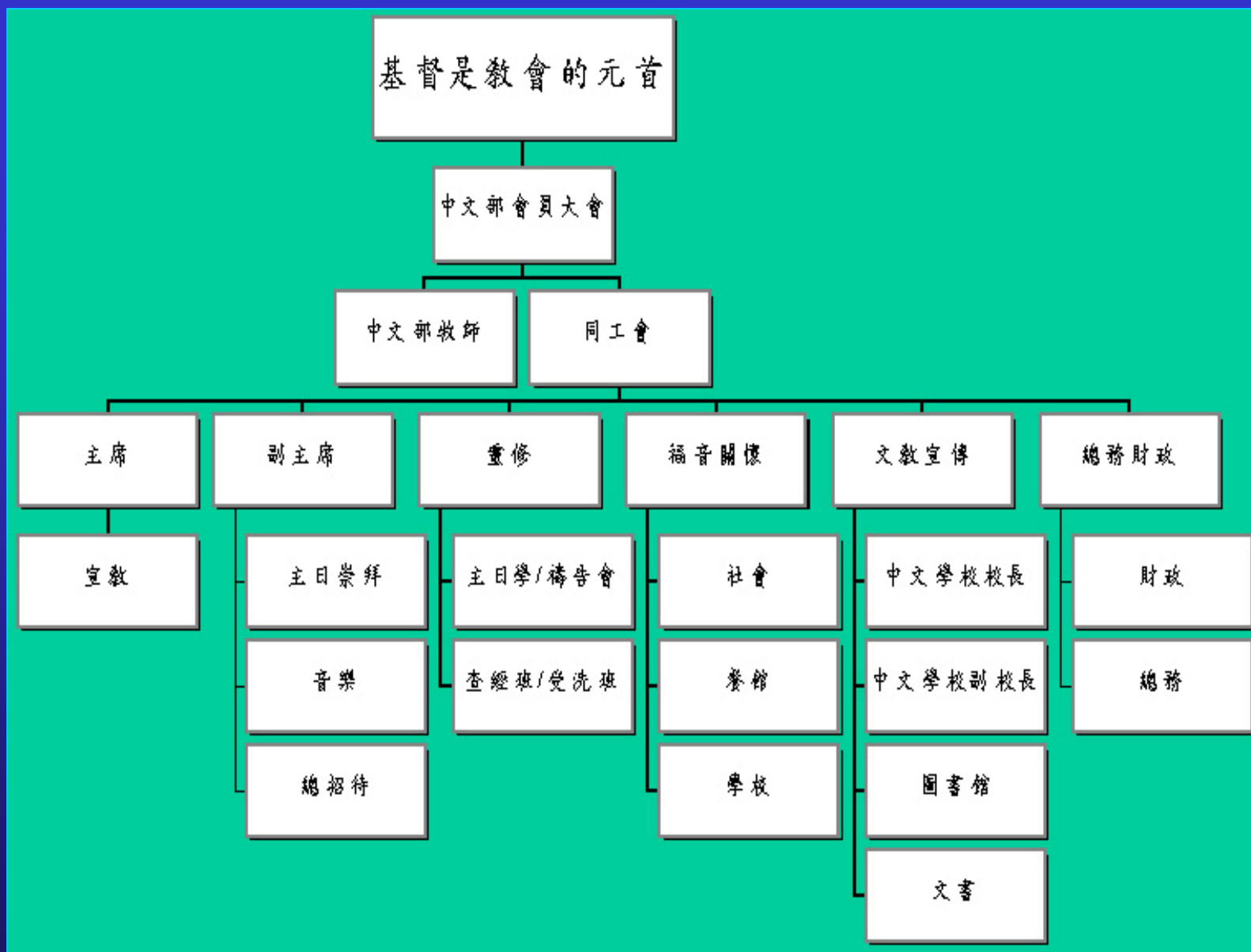
People in all communities will be protected from infectious, occupational, environmental, and terrorist threats.

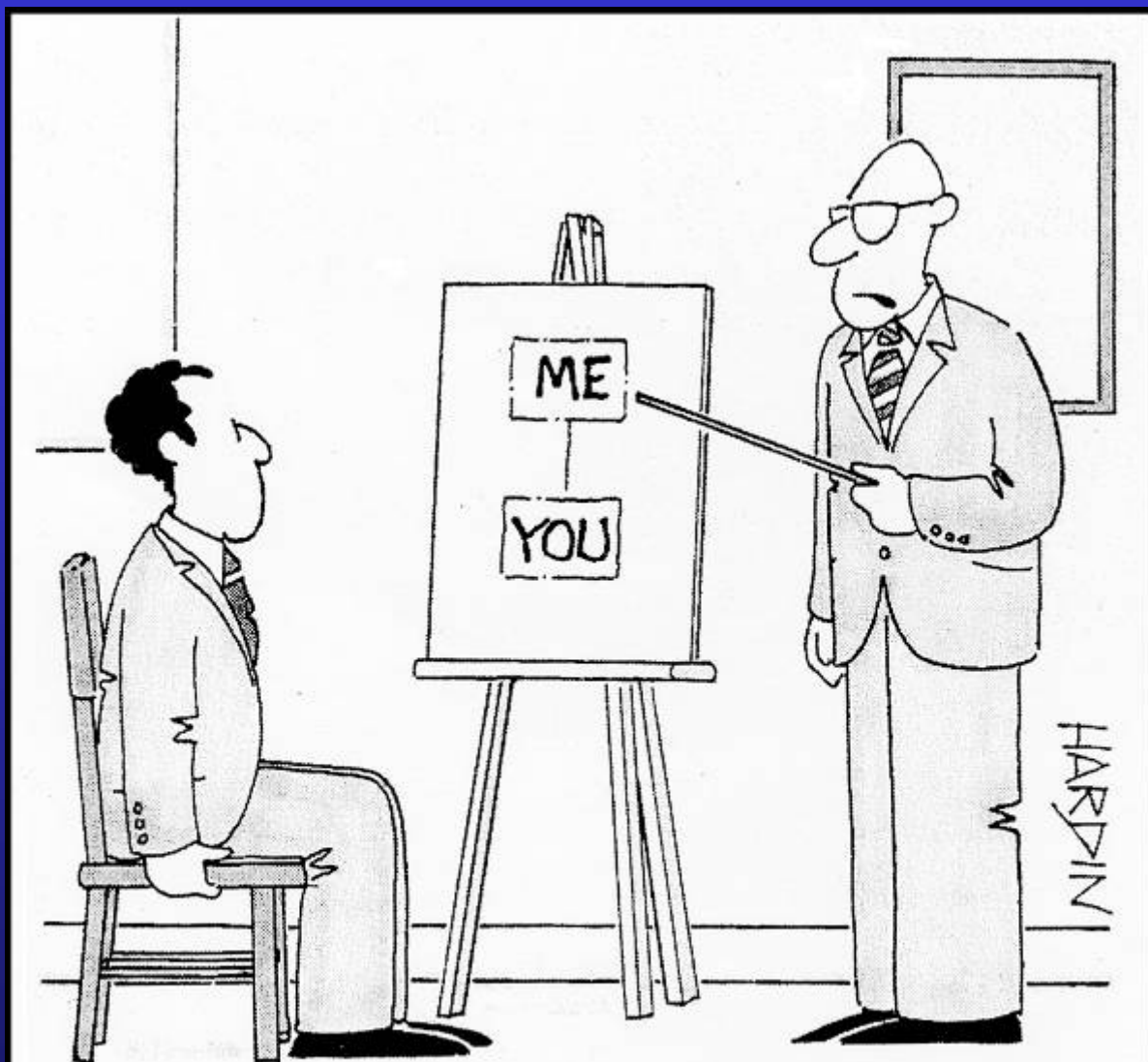


CENTERS FOR DISEASE CONTROL AND PREVENTION

Then

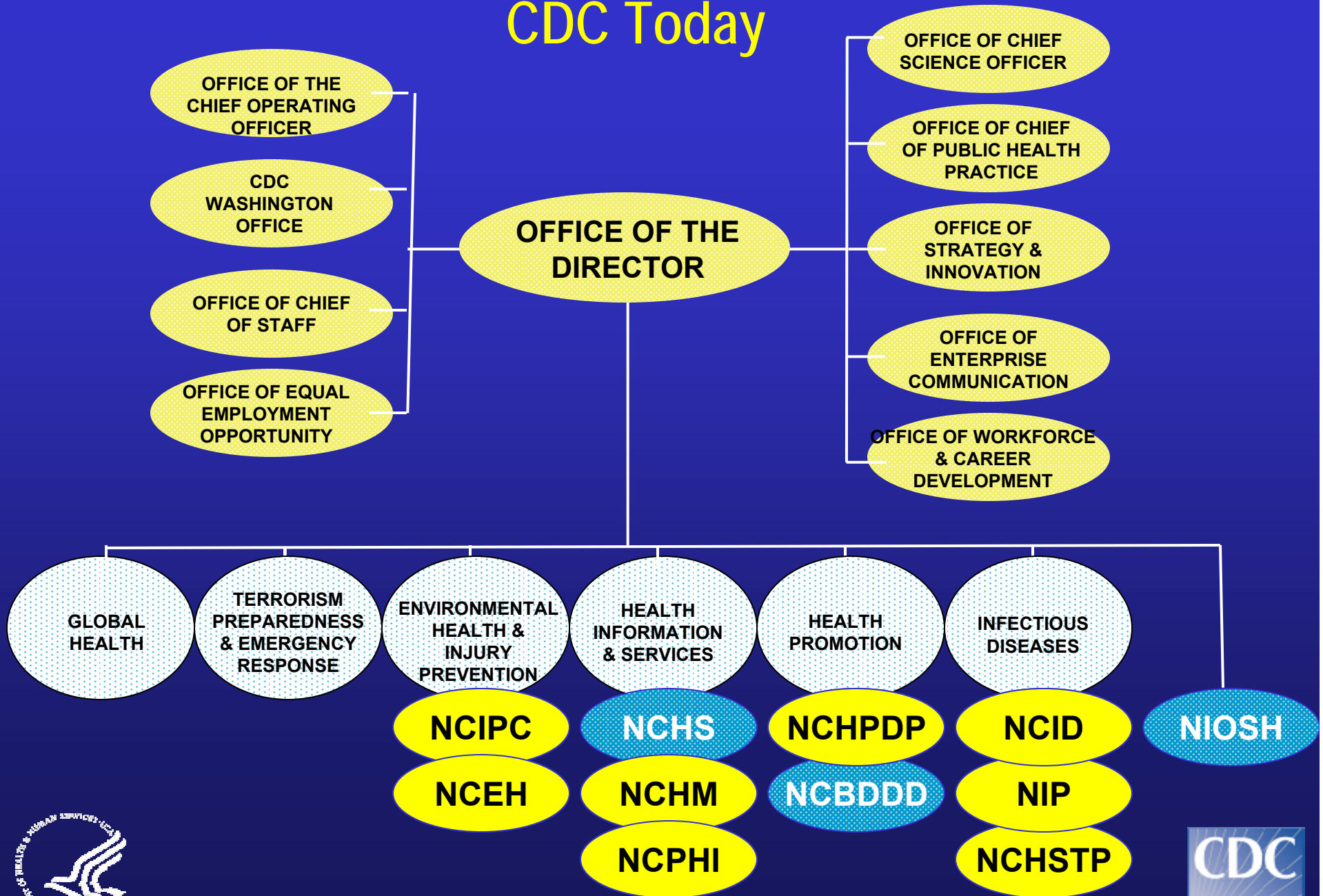




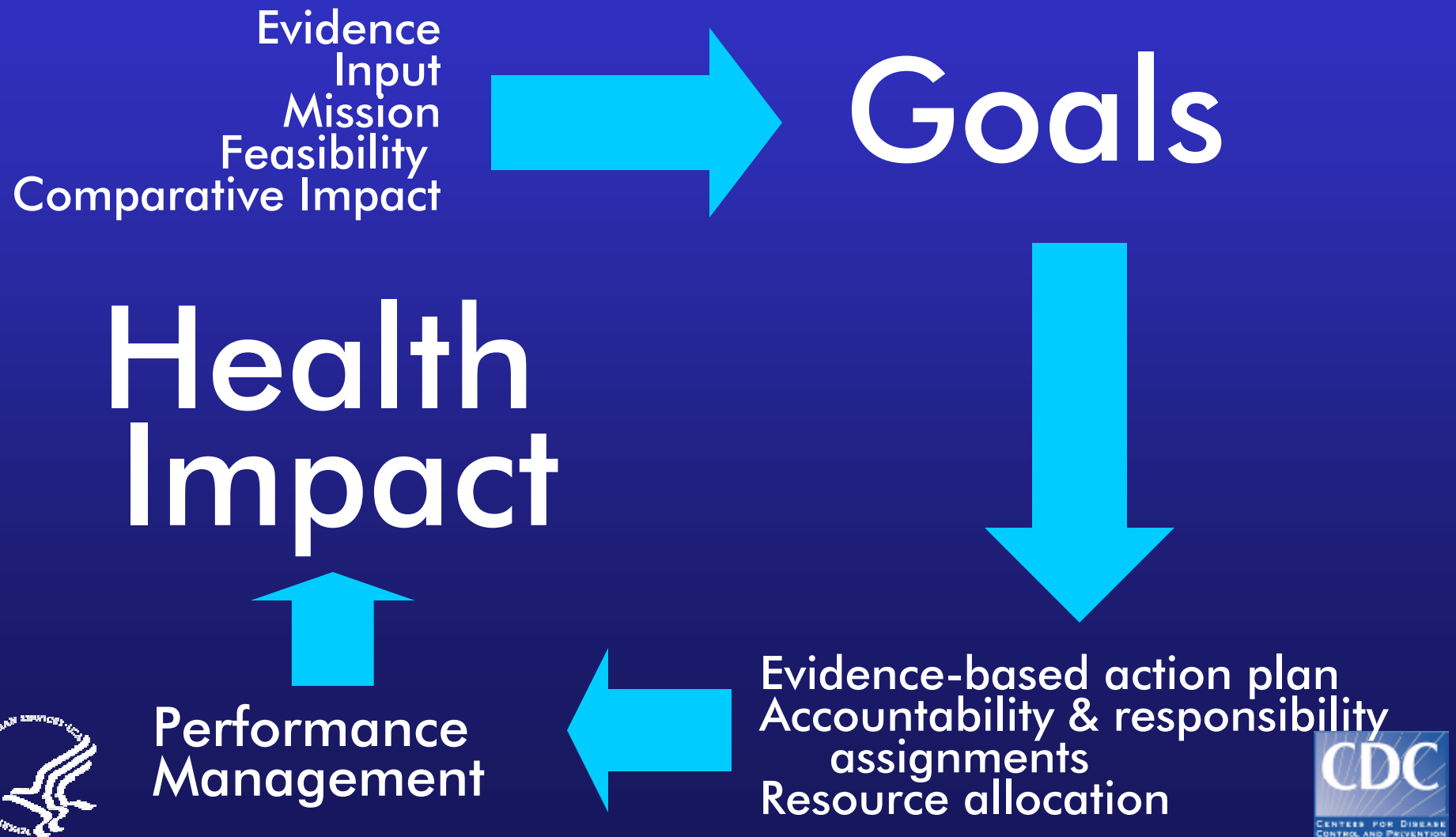


“As you see, Hagerty, recent changes have left us with a greatly simplified operational structure.”

CDC Today



Improving Health: From Goals to Results



Preparedness Goals

Pre –Event	Event	Post-Event
<p>Prevent</p> <ol style="list-style-type: none"> 1) Increase the use and development of interventions known to prevent human illness from chemical, biological, radiological agents and naturally occurring health threats. 2) Decrease the time needed to classify health events as terrorism or naturally occurring in partnership with other agencies <p>Detect and report</p> <ol style="list-style-type: none"> 3) Decrease the time needed to detect chemical, biological, radiological agents in tissue, food or environmental sample that cause threats to the public's health. 4) Improve the timeliness and accuracy of information regarding threats to the public's health 	<p>Investigate</p> <ol style="list-style-type: none"> 5) Decrease the time to identify causes, risk factors, and appropriate interventions for those affected by threats to the public's health. 	<p>Recover</p> <ol style="list-style-type: none"> 7) Decrease the time needed to restore health services and environmental safety to pre-event levels. 8) Increase the long-term follow-up provided to those affected by threats to the public's health.
	<p>Control</p> <ol style="list-style-type: none"> 6) Decrease the time needed to provide countermeasures and health guidance to those affected by threats to the public's health 	<p>Improve</p> <ol style="list-style-type: none"> 9) Decrease the time needed to implement recommendations from after-action reports following threats to the public's health.

Preparedness Goals Action Plan (sample)

Goal 1: Decrease the time needed to detect chemical, biological, radiological agents in tissue, food or environmental sample that cause threats to the public's health.

- Strategy A: Leverage work of other agencies
- Strategy B: Align partners and stakeholders
- Strategy C: Conduct / support research
- **Strategy D: Implement / support programs**
 - **Objective 1: PH agencies will have real-time access to electronic health data from ERs and ICUs in all CRI metro areas by 2007**
 - **Project 1:** Biosense will achieve standards-based connectivity in CRI hospitals
 - Lead Division: Biosense/NCPHI
 - Budget: FY06- \$36M; FY07-\$92M
 - KPI: proportion of population in CRI cities included in Biosense catchment areas
- Strategy E: Disseminate tools / knowledge
- Strategy F: Assess impact

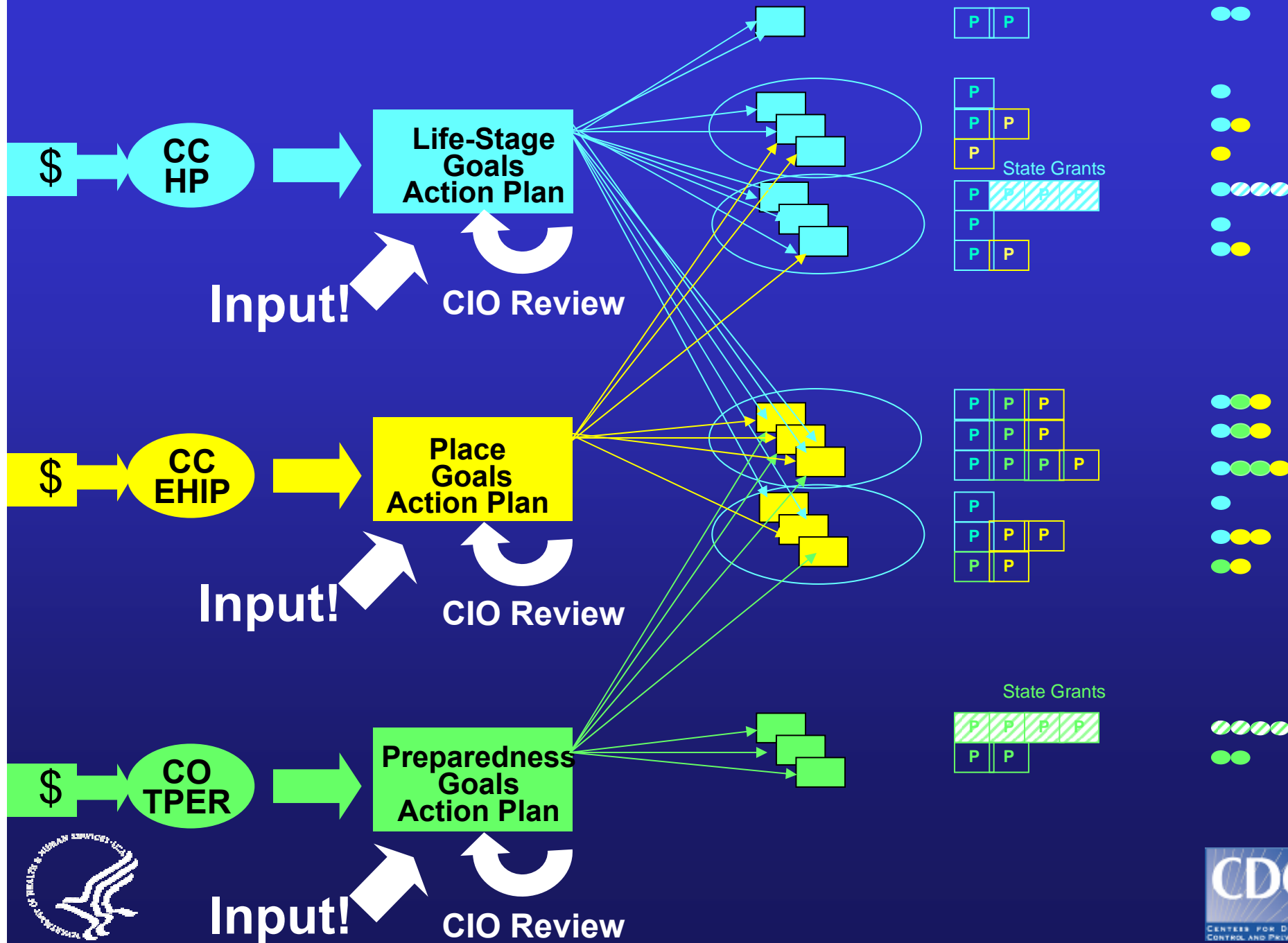


Lead CC/CO

Goal Plan

Lead Division Projects

KPIs



Network Wins: Rapid Testing for Botulinum Toxins

- Testing for botulinum toxins requires mice, is slow, and hard to identify all the toxins
- NCEH's mass spectrometry technology had potential for better measurement
- NCEH and NCID came together to develop breakthrough technology - new test
- **New test is much faster, more specific, detects all botulinum toxins**
- Mass spec approach may work for other biological terrorism toxins



Network Wins: Detecting Influenza... New Innovations



**Household Survey:
Vaccine Use**



**Long-term Care:
Vaccine Needs Survey**

The screenshot shows a table titled "State & Local Health Officials: Secure Vaccine Allocation Database". The table lists various states and their corresponding vaccine allocation data. The columns include State, Vaccine Type, and Allocation Status. The data is organized into rows for each state, with columns for different vaccine types and allocation status.

State	Vaccine Type	Allocation Status
Alabama	Influenza	Allocated
Alabama	MM2	Allocated
Alabama	MM4	Allocated
Alabama	MM5	Allocated
Alabama	MM6	Allocated
Alabama	MM7	Allocated
Alabama	MM8	Allocated
Alabama	MM9	Allocated
Alabama	MM10	Allocated
Alabama	MM11	Allocated
Alabama	MM12	Allocated
Alabama	MM13	Allocated
Alabama	MM14	Allocated
Alabama	MM15	Allocated
Alabama	MM16	Allocated
Alabama	MM17	Allocated
Alabama	MM18	Allocated
Alabama	MM19	Allocated
Alabama	MM20	Allocated
Alabama	MM21	Allocated
Alabama	MM22	Allocated
Alabama	MM23	Allocated
Alabama	MM24	Allocated
Alabama	MM25	Allocated
Alabama	MM26	Allocated
Alabama	MM27	Allocated
Alabama	MM28	Allocated
Alabama	MM29	Allocated
Alabama	MM30	Allocated
Alabama	MM31	Allocated
Alabama	MM32	Allocated
Alabama	MM33	Allocated
Alabama	MM34	Allocated
Alabama	MM35	Allocated
Alabama	MM36	Allocated
Alabama	MM37	Allocated
Alabama	MM38	Allocated
Alabama	MM39	Allocated
Alabama	MM40	Allocated
Alabama	MM41	Allocated
Alabama	MM42	Allocated
Alabama	MM43	Allocated
Alabama	MM44	Allocated
Alabama	MM45	Allocated
Alabama	MM46	Allocated
Alabama	MM47	Allocated
Alabama	MM48	Allocated
Alabama	MM49	Allocated
Alabama	MM50	Allocated
Alabama	MM51	Allocated
Alabama	MM52	Allocated
Alabama	MM53	Allocated
Alabama	MM54	Allocated
Alabama	MM55	Allocated
Alabama	MM56	Allocated
Alabama	MM57	Allocated
Alabama	MM58	Allocated
Alabama	MM59	Allocated
Alabama	MM60	Allocated
Alabama	MM61	Allocated
Alabama	MM62	Allocated
Alabama	MM63	Allocated
Alabama	MM64	Allocated
Alabama	MM65	Allocated
Alabama	MM66	Allocated
Alabama	MM67	Allocated
Alabama	MM68	Allocated
Alabama	MM69	Allocated
Alabama	MM70	Allocated
Alabama	MM71	Allocated
Alabama	MM72	Allocated
Alabama	MM73	Allocated
Alabama	MM74	Allocated
Alabama	MM75	Allocated
Alabama	MM76	Allocated
Alabama	MM77	Allocated
Alabama	MM78	Allocated
Alabama	MM79	Allocated
Alabama	MM80	Allocated
Alabama	MM81	Allocated
Alabama	MM82	Allocated
Alabama	MM83	Allocated
Alabama	MM84	Allocated
Alabama	MM85	Allocated
Alabama	MM86	Allocated
Alabama	MM87	Allocated
Alabama	MM88	Allocated
Alabama	MM89	Allocated
Alabama	MM90	Allocated
Alabama	MM91	Allocated
Alabama	MM92	Allocated
Alabama	MM93	Allocated
Alabama	MM94	Allocated
Alabama	MM95	Allocated
Alabama	MM96	Allocated
Alabama	MM97	Allocated
Alabama	MM98	Allocated
Alabama	MM99	Allocated
Alabama	MM100	Allocated

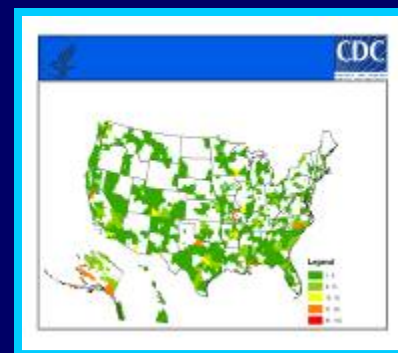
**State & Local Health
Officials: Secure Vaccine
Allocation Database**



**Laboratories: Virus
Genetic Sequencing
& Rapid H5 detection**



**Global Biodefense
Network**



**BioSense:
Influenza-like Illness
Clinic Visits**

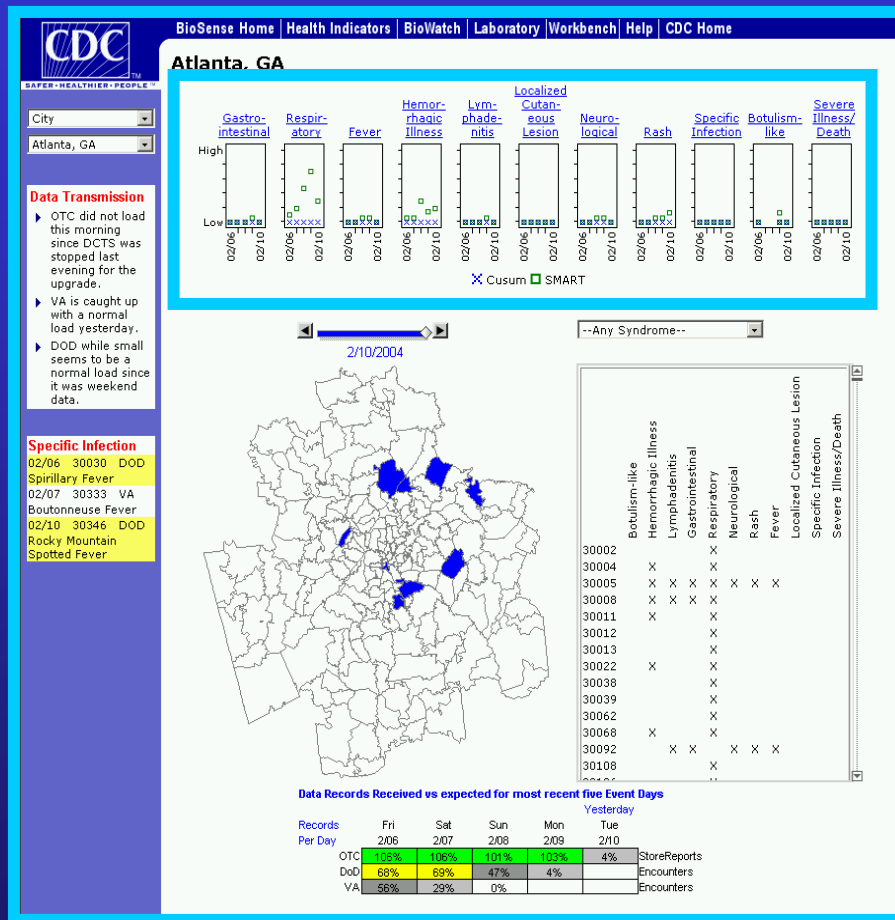


Network Wins: Connecting Public Health to Clinical Care

- BioSense
- Dual use data
- New centers for Excellence in Public Health Informatics



BioSense



(Demonstration Data)

- Major target: real-time data from health care sector
- Operational - views for major cities and all states
- Over 380 users nationally
- BioIntelligence center – making information out of data analysts doing daily monitoring
- First appropriation this year
 - DoD and VA already strong BioSense partners
- Early event detection
- Situational awareness



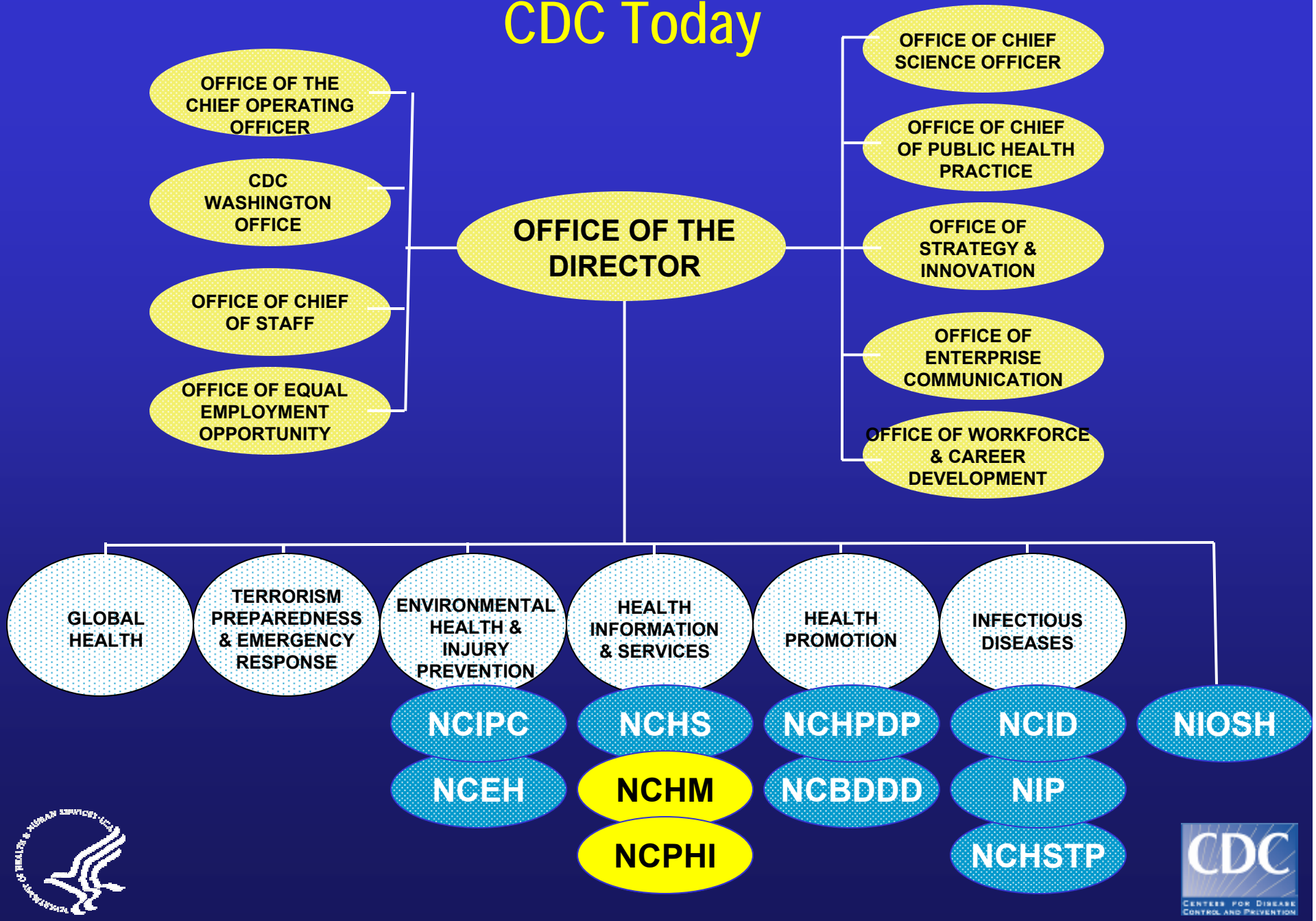
CDC's Strategic Imperatives

- *Health impact:* align strategy, goals, investments, and performance
- *Customer focus:* market what people want and need to choose health

CDC Web Visitors per Month



CDC Today



CDC's Strategic Imperatives

- *Health impact:* align strategy, goals, investments, and performance
- *Customer focus:* market what people want and need to choose health
- *Public health research:* research to people...research for health impact

"Our intramural and extramural public health research portfolios...must address the most important issues without bias and undergo objective external peer-review. This is the only path to achieving excellence in science."

CDC All-hands Meeting, July 3, 2002



Excellence in Science

- Goal-directed comprehensive CDC research agenda
- Comprehensive Peer-review
- Biodefense Scientific Collaboration
- New Office of Chief Science Officer
- Health Protection Research Initiative
- Centers for Excellence
- New Vaccine Safety Office



CDC's Strategic Imperatives

- *Health impact:* align strategy, goals, investments, and performance
- *Customer focus:* market what people want and need to choose health
- *Public health research:* research to people...research for health impact
- *Leadership:* leverage CDC unique capabilities to improve the health system

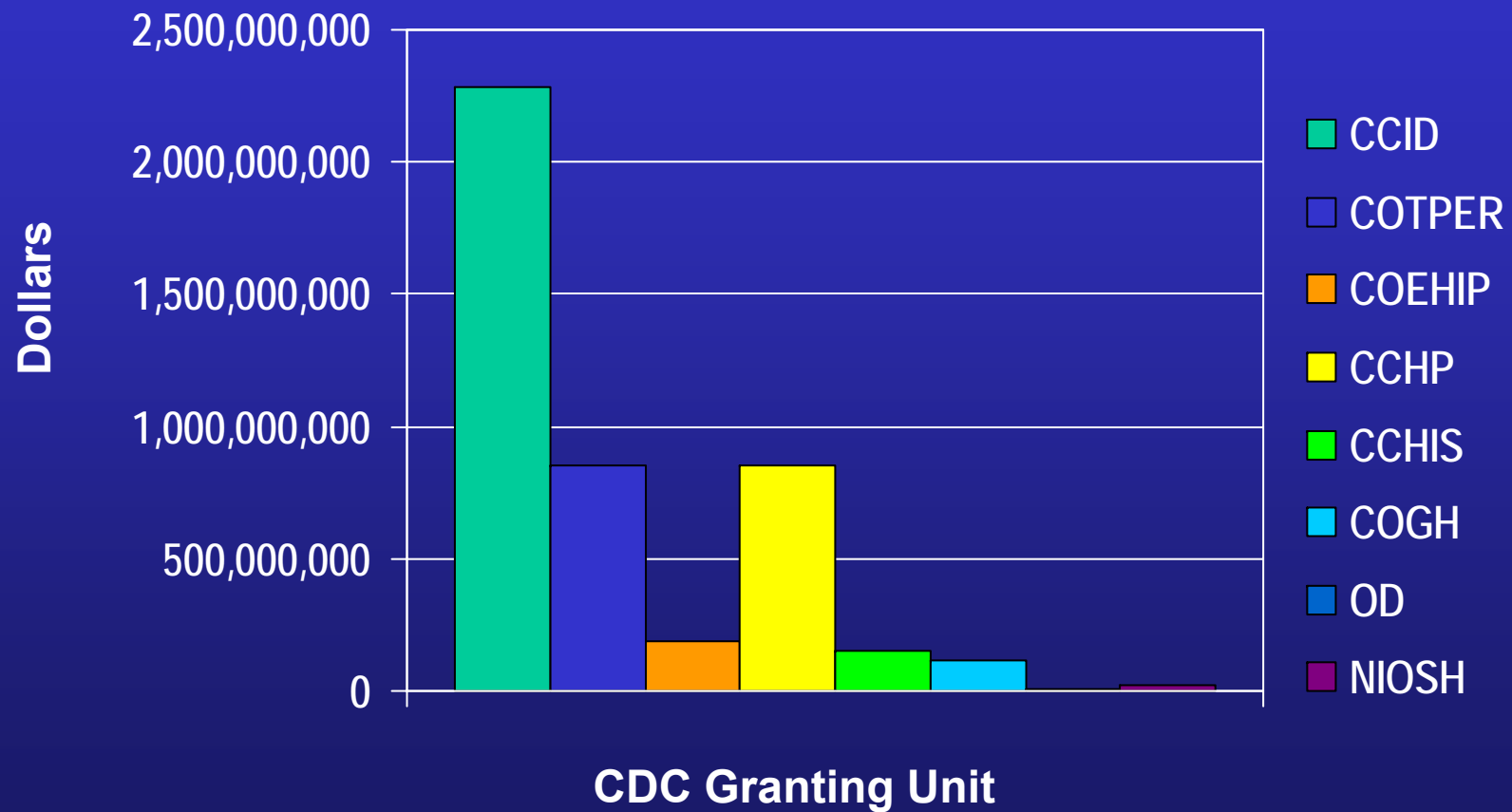


Public Health Connectivity

DILBERT / SCOTT ADAMS, scottadams@aol.com



2004 Domestic Grants



Portfolio Management Goals

- Build a strong network for shared leadership with State and Local Health Departments
- Manage and leverage CDC investments to improve and protect health
- Improve CDC business services to partners
- Improve the coordination and management of CDC field staff



Arkansas – Steve Boedigheimer
District of Columbia – Susan DeLisle
Florida – Kristin Brusuelas
New York - Joe Henderson
Ohio – Roberta Erlwein
Texas – Mark Fussell
Washington – Karen White

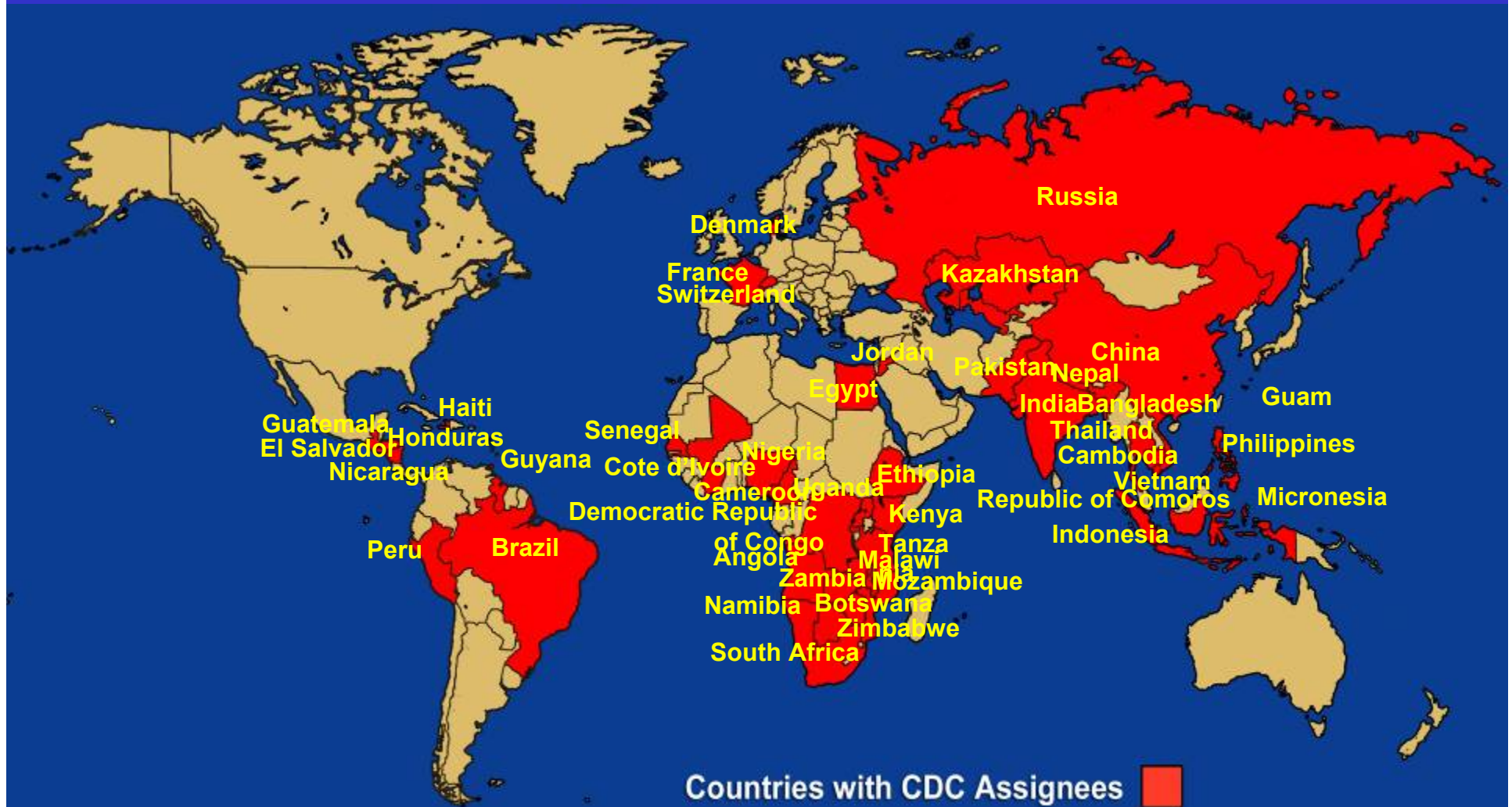


CDC's Strategic Imperatives

- *Health impact:* align strategy, goals, investments, and performance
- *Customer focus:* market what people want and need to choose health
- *Public health research:* research to people...research for health impact
- *Leadership:* leverage CDC unique capabilities to improve the health system
- *Global health impact*



CDC Global Health Protection



CDC's Global Health Protection Network

FY04

Quarantine Stations
Field Epidemiology / Laboratory Training Programs
CDC Field Stations
International Business Connectivity
New CDC Sentinel Sites
New Quarantine Stations
New International LRN Sites
New CDC Sentinel Sites

Global Health Protection Network

DATA EXCHANGE

Bio Sense & Biointelligence Center

Laboratory Response Network (LRN)
National Clinical Lab Orders
DoD/VA Dx & Rx Records
Biowatch Data
OTC Drug Sales
Private Clinical Care
Expanded Real-Time LRN Data
Expanded Quarantine Stations
New Data Streams

FY04

FY06

FY06

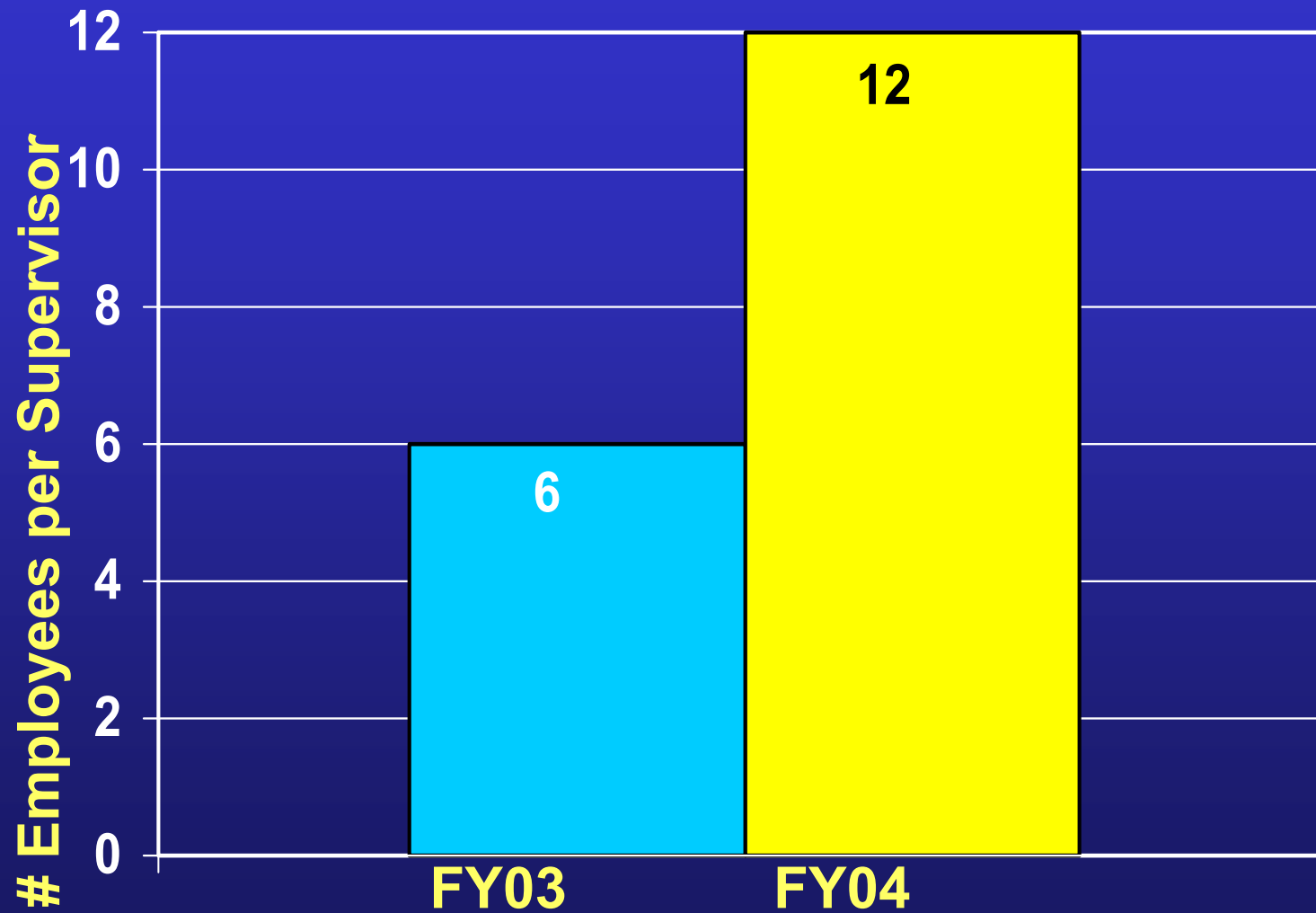


CDC's Strategic Imperatives

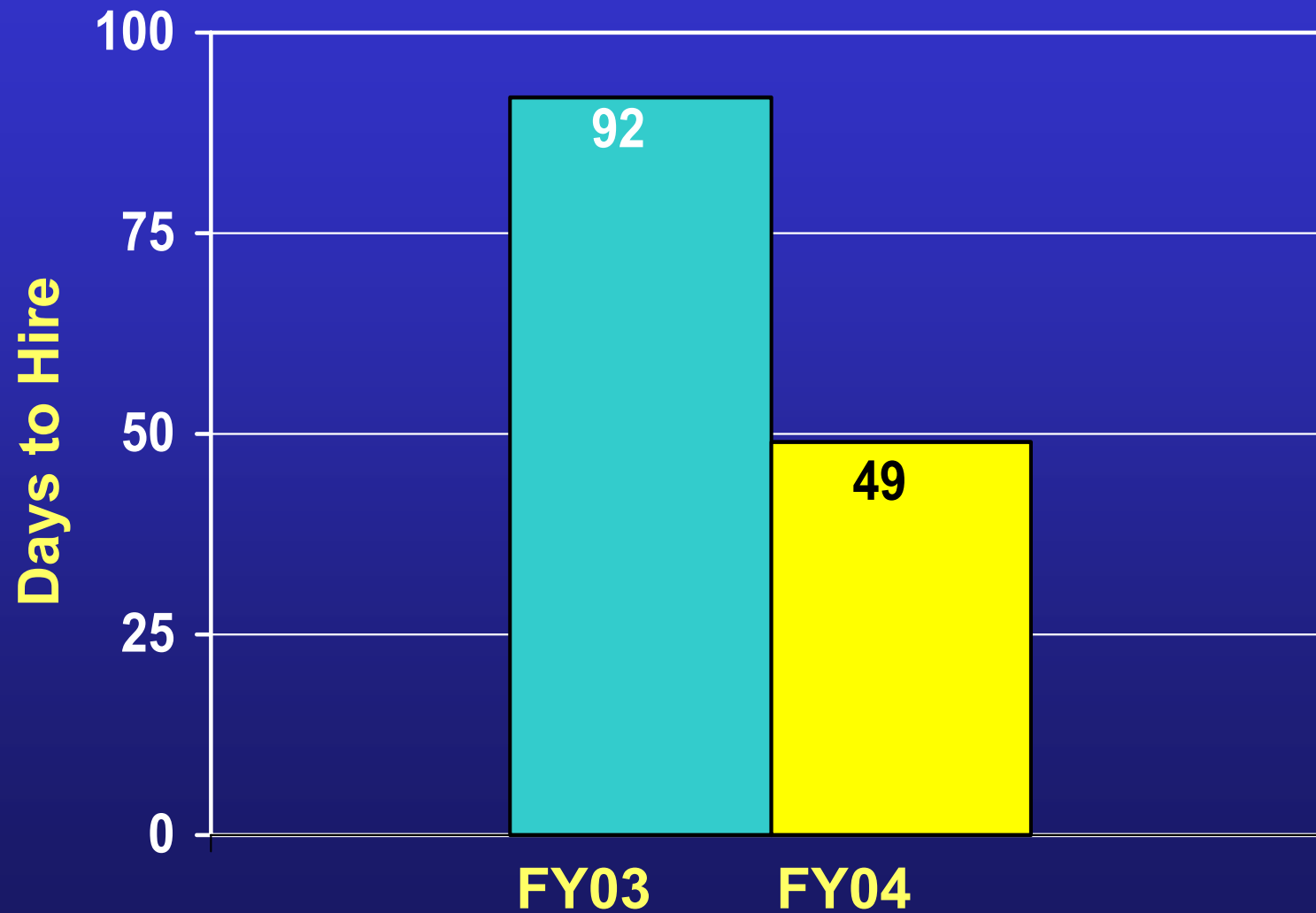
- *Health impact:* align strategy, goals, investments, and performance
- *Customer focus:* market what people want and need to choose health
- *Public health research:* research to people...research for health impact
- *Leadership:* leverage CDC unique capabilities to improve the health system
- *Global health impact*
- *Performance improvement:* accountability, efficiency, and effectiveness



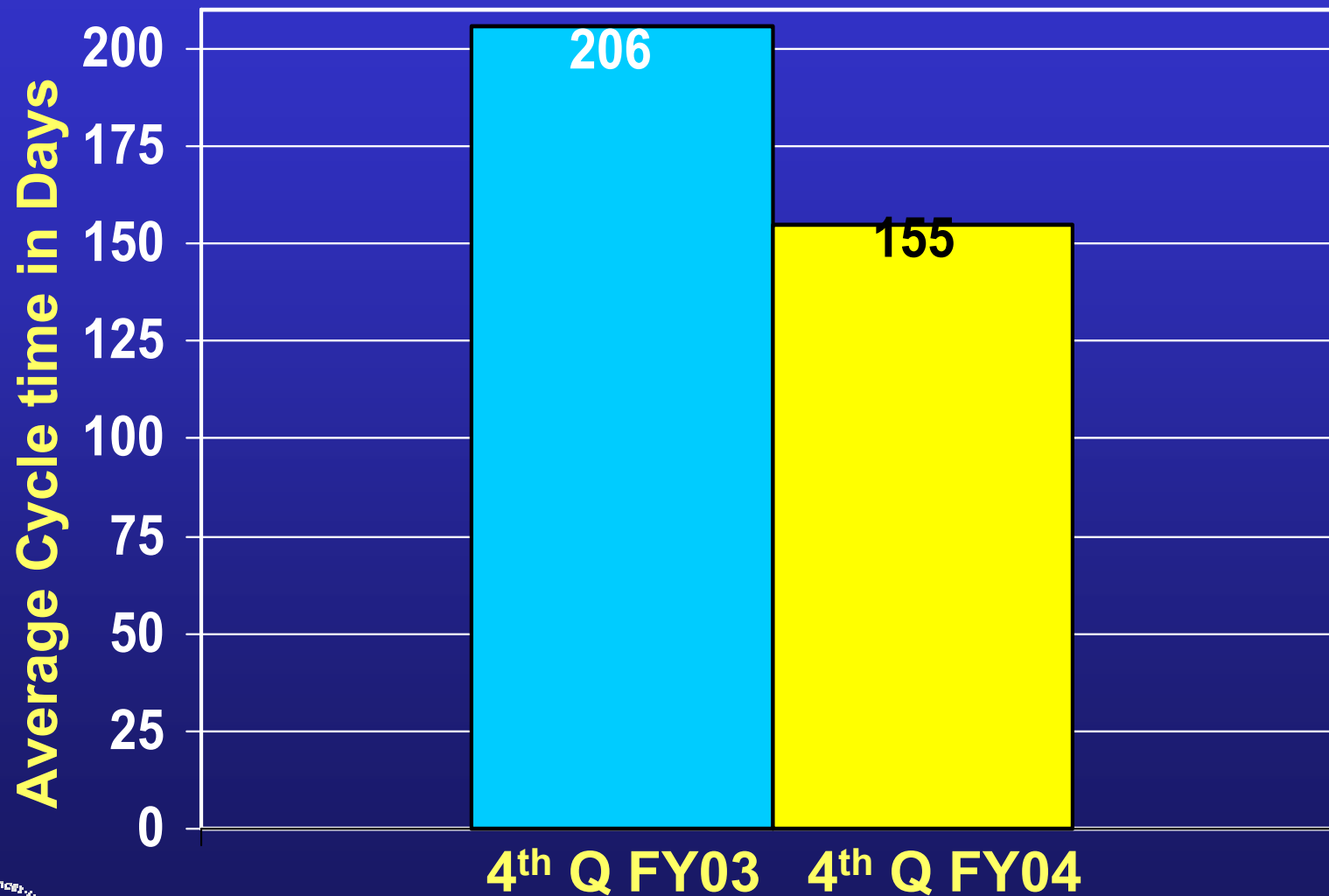
CDC Supervisory Ratio



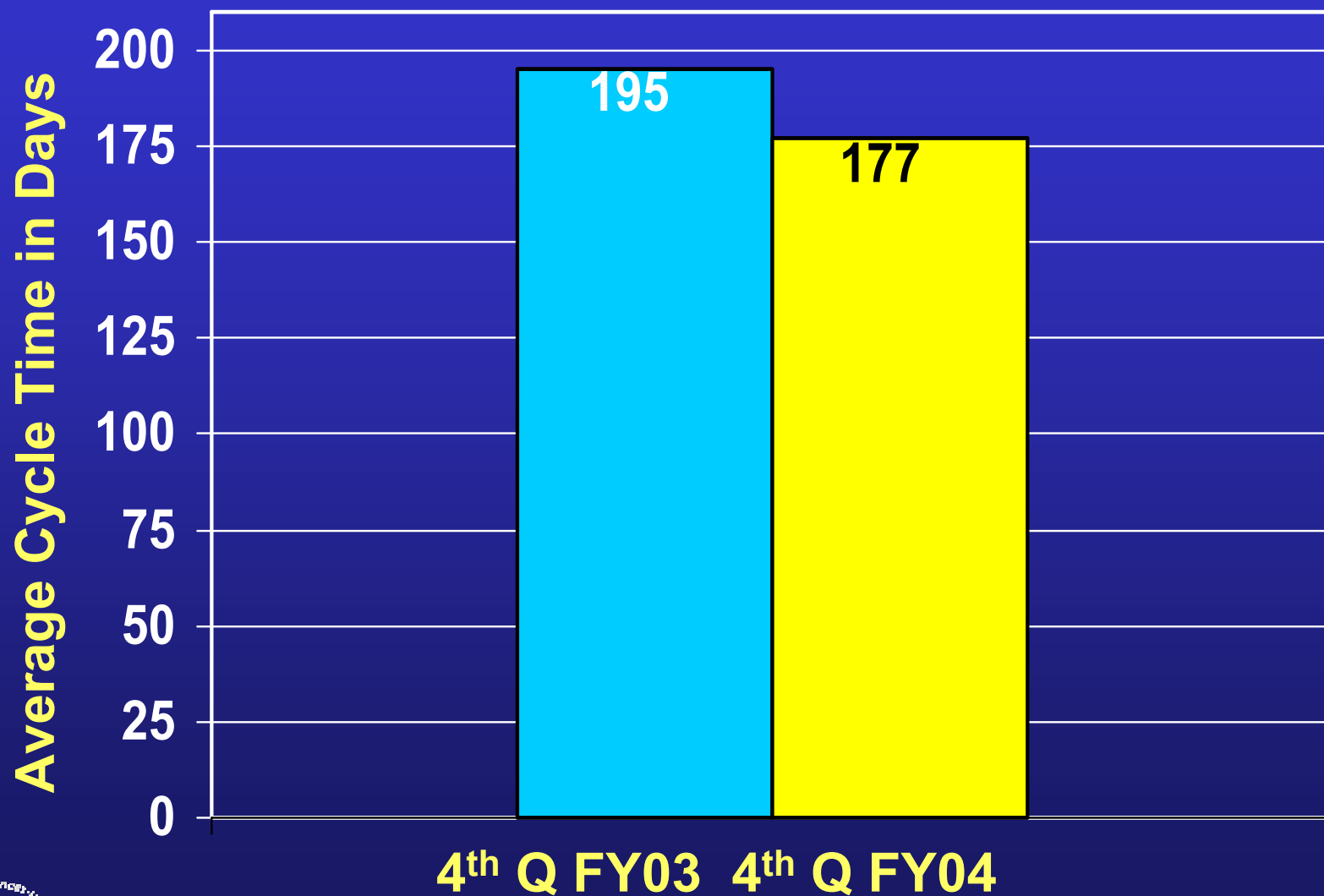
CDC Time to Hire



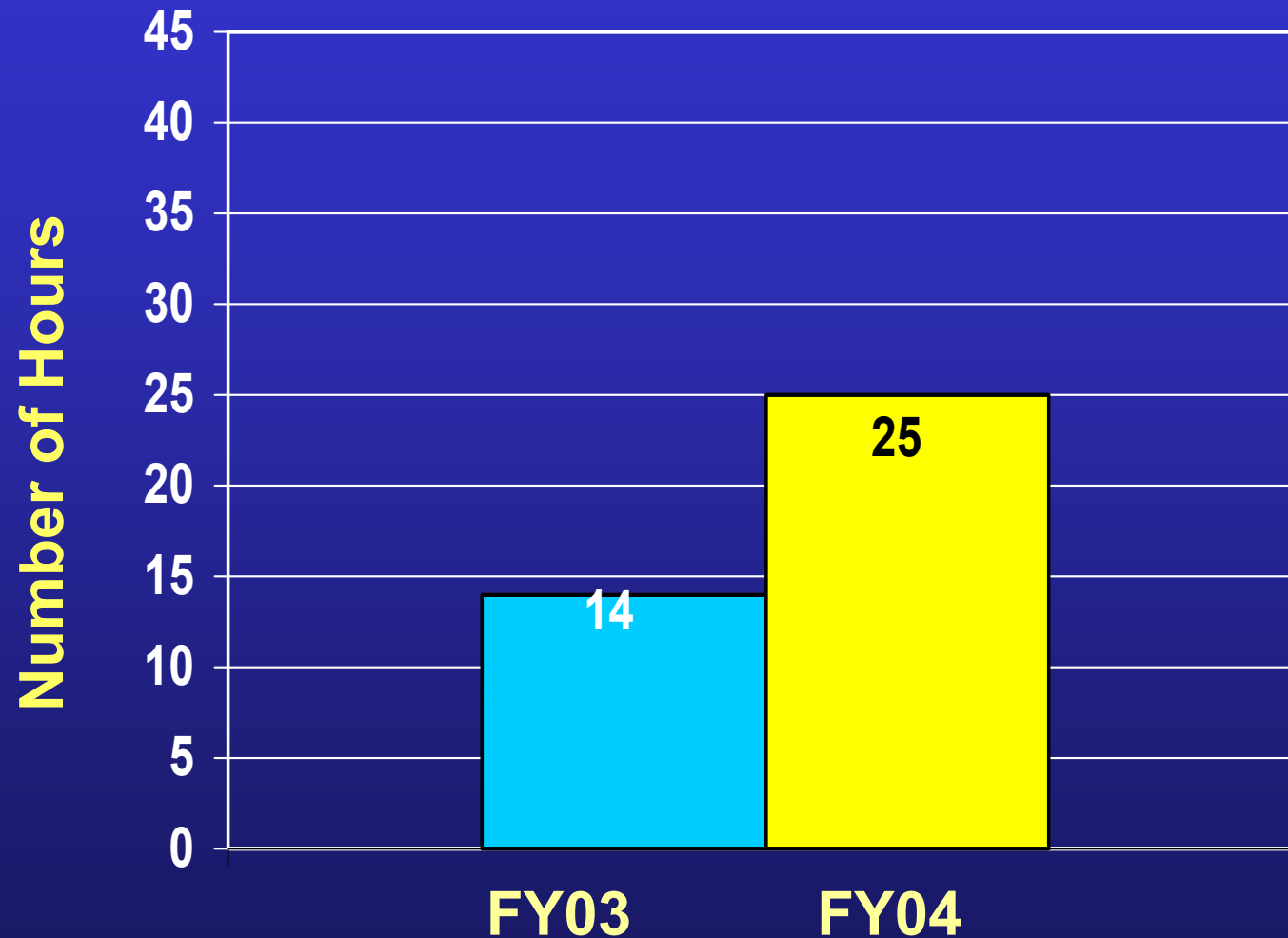
CDC Grant Cycle Time



CDC Contract Cycle Time



CDC Workforce Development: Employee Training Hours/Year



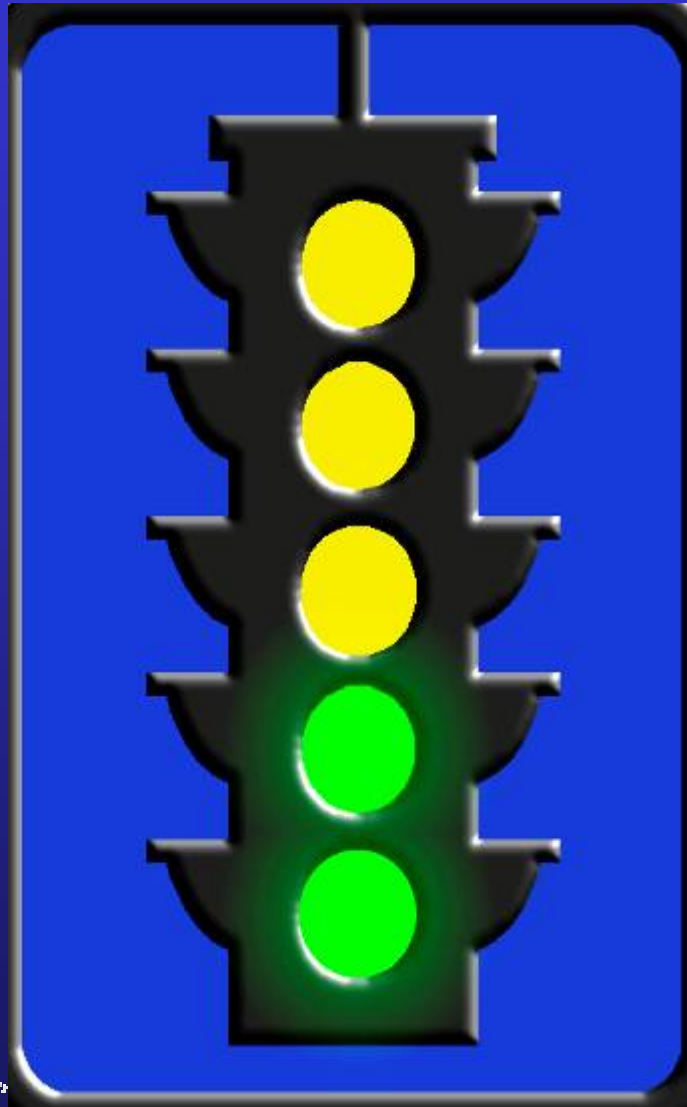
CDC Individual Employee Learning Accounts



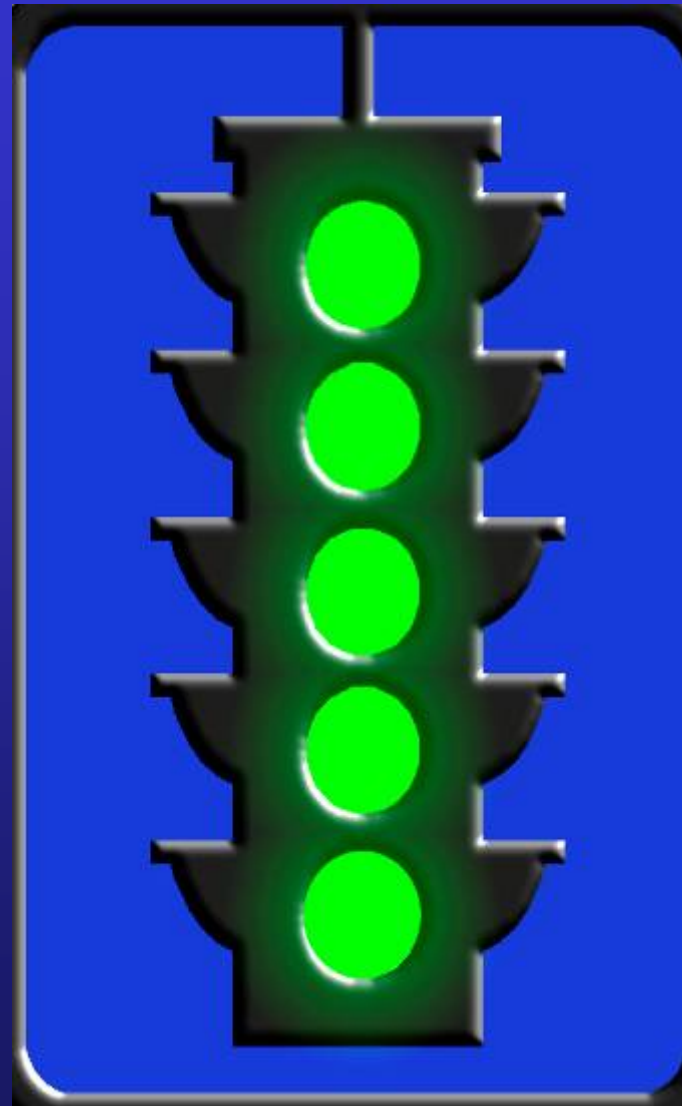
A new entitlement for **every** CDC employee: \$1000 per year (minimum) for training; can be “saved” and accumulated up to \$3000; contingent upon creating an individual career development plan



President's Management Agenda CDC Performance



June 2002



January 2005



CDC Performance Management Map

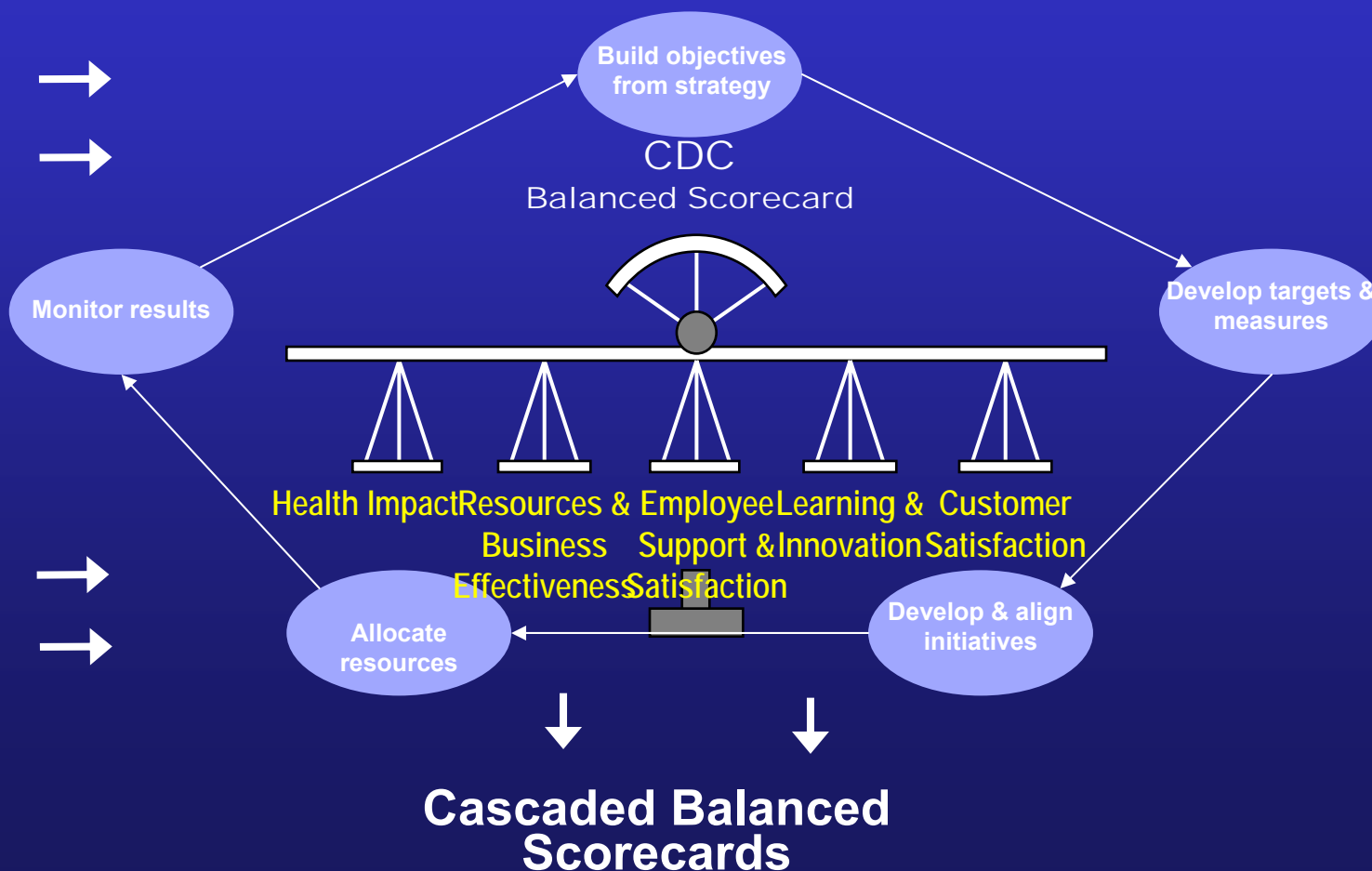
Mission: To Protect People's Health

Core Values: Accountability; Respect; Integrity

Vision: Safer healthier people in a safer healthier world!

Strategic Imperatives: Health Impact...Customer-Centricity...
Public Health Research... Leadership across the Health System...
Global Reach....Accountability

Stakeholder Input (Ongoing)





The Future is Now!

